# ARPAN DESHMUKH

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**Location:** Pune, Maharashtra

## OBJECTIVE

Final-year E&TC engineering student with hands-on experience in Machine Learning, Data Science,Frontend and Backend Development. Strong command of Python, C, C++, SQL, and Data Structures & Algorithms. Built ML models , DeepLearning , NLP, REST APIs, and data-driven systems using Django, MySQL, and Docker (basic). Proven ability to learn fast, solve problems, and build real-world solutions.

## SKILLS

**Technical Competencies:**
**Languages:** C, C++, Python (Data Structures and Algorithms )
**Core CS:** DSA, OOP, DBMS
**AI / ML / DS / DA:** Machine Learning, Deep Learning , NLP , Feature Engineering ,EDA ,Data Analysis
**Libraries:** NumPy, Pandas, Scikit-learn,Seaborn, Matplotlib,Tensorflow-Keras,Streamlit,
**Backend:** Django,RestApi
**Frontend:** HTML, CSS, JavaScript
**Database:** MySQL,SQL
**Tools:** Docker ,Git, GitHub

**Soft Skills :**
Fast Learner · Analytical Thinking · Team Player · Communication · Adaptability

## EDUCATION

**Bachelor of Technology in Electronics and Telecommunications** **July 2022 - June 2026**
AISSMS-INSTITUTE OF INFORMATION TECHNOLOGY
**CGPA: 8/10**

**Higher Secondary Education (Class XII)**
P. R. Pote Jr. Collage **May 2021 - March 2022**
**Percentage: 82.1%**

**Secondary Education (Class X)**
Dnyamnata High School **June 2019 - March 2020**
**Percentage: 90.2%**

## WORK EXPERIENCE

**Internship: NextGen Analytics**

Pune, Maharashtra | Jan 2024 –March 2025

- Worked on Python-based scripting and automation tasks
- Gained experience in file handling, functions, loops, and data structures
- Developed basic projects to improve coding and problem-solving skills
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## PROJECTS

- **Bitcoin Price Prediction using Machine Learning in Python :**Built predictive models using Python libraries (Pandas, Scikit-learn, TensorFlow) to forecast Bitcoin prices .Performed data preprocessing, and implemented algorithms like Random Forest and LSTM .
- **Student Record Management System – C++:**Developed a console-based application to manage student records using Object-Oriented Programming. Enabled operations like add, modify, delete, and search with persistent storage using file handling.
- **Intelligent Text Classification & Sentiment Analysis (NLP):** Built an NLP system to classify text and analyze sentiment using Machine Learning and Deep Learning models. Performed text preprocessing (tokenization, stop-word removal, stemming) and feature extraction using TF-IDF.

## EXTRA CO-CURRICULAR

- **Technical Head** – TESA (2023–2024)
- **Media Joint Secretary** – TESA (2024–2025)
- **General Secretory** - TESA (2025-2026)